

GODFREY & KAHN, S. C.

ATTORNEYS AT LAW
780 NORTH WATER STREET
MILWAUKEE, WI 53202-3590
www.gklaw.com

PHONE: 414-273-3500

TECHNOLOGY CENTER 2800
FEB 25 2003
FAX RECEIVED
FAX: 414-273-5198

FAX COVER SHEET

DATE: February 21, 2003

PAGES (INCLUDING COVER): 18

TO: Examiner Chris C. ChuFAX: (703) 746-3865COMPANY: U.S. Patent and Trademark OfficeCLIENT NUMBER: 057329-0001FROM: William K. Baxter (X7119)

MESSAGE: RE: Applicant: Kiyotaka Tsukada et al. Application No.: 09/740,424
Filing Date: December 19, 2000 Title: PRINTED-CIRCUIT BOARD AND METHOD OF
MANUFACTURE THEREOF Examiner: Chris C. Chu Group Art Unit: 2815

Attached is the transmittal including an Amendment to the final Office Action and a request for corrected Filing Receipt which was filed by first class mail with the U.S. Patent and Trademark Office on August 23, 2002.


William K. Baxter

WKB:reg
Attachments
MWDOCUMENT6

**IF YOU HAVE A PROBLEM RECEIVING THIS TRANSMISSION, PLEASE CALL
RUTH ELLEN GENAC AS SOON AS POSSIBLE AT 414-273-3500.**

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS INTENDED ONLY FOR THE
PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENTS NAMED ABOVE. This message
may be an attorney-client communication, and as such is privileged and confidential. If the reader of this message is
not the intended recipient or an agent responsible for delivering it to the intended recipient, you are hereby notified that
you have received this document in error, and that any review, dissemination, distribution or copying of this message is
strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and
return the original message to us by mail. Thank you.

Sent By: TEW

FAX RECEIVED

FEB 25 2003

PTO/SB/21 (08-00)

Approved for use through 10/24/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>TRANSMITTAL FORM</h1> <p>(to be used for all correspondence after initial filing)</p>	Application Number	09/740,424
	Filing Date	12/19/2000
	First Named Inventor	Kiyotaka Tsukada
	Group Art Unit	2815
	Examiner Name	Chris C. Chu
	Attorney Docket Number	057329-0001
Total Number of Pages in This Submission		13

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for a Corrected Filing Receipt Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William K. Baxter GODFREY & KAHN, S.C.
Signature	<i>William K. Baxter</i>
Date	08/23/2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: August 23, 2002			
Typed or printed name	Sais Sturtevant		
Signature	<i>Sais Sturtevant</i>	Date	8/23/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Attorney Docket No. 057329-0001

Application No. 09/740,424

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kiyotaka Tsukada et al.

Application No. : 09/740,424

Filing Date : December 19, 2000

Title : PRINTED-CIRCUIT BOARD AND METHOD
OF MANUFACTURE THEREOF

Examiner : Chris C. Chu

Group Art Unit : 2815

copy

FAX RECEIVED
FEB 25 2003
TECHNOLOGY CENTER 2800

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, D.C. 20231 on August 23, 2002

By: *Sais Sturtevant*Name: Sais SturtevantREQUEST FOR A CORRECTED FILING RECEIPT

An error was noted in the corrected filing receipt of the above-identified patent application. Applicant hereby requests correction of the corrected filing receipt as follows.

Please delete the PCT/JP99/03898 07/21/1999 application data from the "Foreign Applications" section and add it to the "Domestic Priority data as claimed by the applicant" section, and generate a corrected filing receipt incorporating the requested correction. A marked-up copy of the corrected filing receipt is enclosed showing the requested correction.

Date: 08/23/2002

Respectfully submitted,

By: *William K. Baxter*

William K. Baxter

Reg. No. 41,606

Attorney for Applicant
GODFREY & KAHN, S.C.
780 North Water Street
Milwaukee, WI 53202
Telephone: 414-273-3500
MW641977.1.DOC



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/740,424	12/19/2000	2826	710	057329-0001	7	9	2

CONFIRMATION NO. 5114

CORRECTED FILING RECEIPT



OC000000006510767

20572
GODFREY & KAHN S.C.
780 NORTH WATER STREET
MILWAUKEE, WI 53202

Date Mailed: 09/04/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kiyotaka Tsukada, Ogaki-shi, JAPAN;
Mitsuhiro Kondo, Ogaki-shi, JAPAN;
Kenji Chihara, Ogaki-shi, JAPAN;
Naoto Ishida, Ogaki-shi, JAPAN;
Atsushi Shouda, Ogaki-shi, JAPAN;

Assignment For Published Patent Application

IBIDEN CO., LTD.;

Domestic Priority data as claimed by applicant

PCT/JP99/03898 07/21/1999

Foreign Applications

JAPAN 10-206189 07/22/1998

~~PCT/JP99/03898 07/21/1999~~

If Required, Foreign Filing License Granted 02/27/2001

Projected Publication Date: CPUB

Non-Publication Request: No

Early Publication Request: No

FAX RECEIVED
FEB 25 2003
TECHNOLOGY CENTER 2800

SEP 7 2001

Title

Printed-circuit board and method of manufacture thereof

Preliminary Class

257

Data entry by : KAROPAS, NIPA

Team : OIPE

Date: 09/04/2001

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

FAX RECEIVED

FEB 25 2003

TECHNOLOGY CENTER 2800

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

FEB 25 2003



UNITED STATES PATENT AND TRADEMARK OFFICE

TECHNOLOGY CENTER
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/740,424	12/19/2000	2815	710	057329-0001	7	9	2

20572
GODFREY & KAHN S.C.
780 NORTH WATER STREET
MILWAUKEE, WI 53202

CONFIRMATION NO. 5114

CORRECTED FILING RECEIPT



OC000000008795984

Date Mailed: 09/16/2002

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Domestic Continuity and Foreign Priority

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.
- ☒ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification.
- ☐ A claim for priority cannot be made based on an application filed after the application making the claim.
- ☐ Domestic and foreign priority claims will not be captured in a provisional application. A provisional application is not entitled to a right of priority or to the benefit of an earlier filing date of any other application. See 35 USC 111(b)(7) and 37 CFR 1.53(c)(4).
- ☐ A domestic continuity claim cannot be made to a foreign application and the filing receipt will only list the foreign country, application number, and filing date.
- ☐ Foreign priority will appear on the Filing Receipt in the following order:
Country, Application number, Filing date.


Customer Service Center
Office of Initial Patent Examination
(703) 308-1202

Ser./Pat. No. 09/740,424 File No. 057329-0001 Atty. WKB
Title PRINTED-CIRCUIT BOARD AND METHOD OF MANUFACTURE THEREOF
Inventor(s) Kiyotaka Tsukada et al.

Following was received in the U. S. Patent and Trademark Office on the date shown on the stamp affixed hereto.

<input type="checkbox"/> Affidavit	<input type="checkbox"/> Declaration	<input type="checkbox"/> Information Disclosure Statement
<input checked="" type="checkbox"/> Amendment		<input type="checkbox"/> PTO Form 1449
<input type="checkbox"/> Amendment After Final Rejection		<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Application		<input type="checkbox"/> Letter
<u> </u> Pages Specification, <u> </u> Claims		<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Declaration		<input type="checkbox"/> Petition
<input type="checkbox"/> Assignment		<input type="checkbox"/> Preliminary Amendment
<input type="checkbox"/> Brief		<input type="checkbox"/> Priority Document
<input type="checkbox"/> Check No. <u> </u> For <u> </u>		<input checked="" type="checkbox"/> Response
<input type="checkbox"/> (Continuation)(Divisional)(CIP) Application		<input type="checkbox"/> Small Entity Declaration
<input type="checkbox"/> Deposit Account Order Form		<input type="checkbox"/> Status Request
<input type="checkbox"/> Drawings <u> </u> Sheets		<input checked="" type="checkbox"/> Return receipt postcard
<input type="checkbox"/> <u> </u>		<input checked="" type="checkbox"/> Request for Corrected Filing
<input type="checkbox"/> <u> </u>		Receipt

Express Mail Label Number FIRST CLASS MAIL

Date August 23, 2002

Sender Sais Sturtevant

FAX RECEIVED
FEB 25 2003
TECHNOLOGY CENTER 2800